

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-----------------|------------------|---------|------------------|
| L6 | 31 | (US-20010028864-\$ or US-20020168297-\$ or US-20030162295-\$ or US-20030170145-\$ or US-20030175157-\$ or US-20030202905-\$ or US-20030229422-\$ or US-20040014238-\$ or US-20040104173-\$ or US-20040154965-\$ or US-20040247489-\$).did. or (US-4237093-\$ or US-5248480-\$ or US-5550053-\$ or US-5580531-\$ or US-5741708-\$ or US-5885530-\$ or US-6063634-\$ or US-6096561-\$ or US-6309541-\$ or US-6419824-\$ or US-6491816-\$ or US-6492184-\$ or US-6521112-\$ or US-6544799-\$ or US-6555062-\$ or US-6635173-\$ or US-6727096-\$ or US-6802967-\$ or US-6846461-\$ or US-4188190-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/02/03 07:52 |
| L7 | 9 | (US-20040247489-\$ or US-20030229422-\$ or US-20030175157-\$ or US-20020168297-\$ or US-20010028864-\$).did. or (US-6521112-\$ or US-6063634-\$ or US-5741708-\$ or US-4237093-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/02/03 07:53 |
| L8 | 9 | 7 and analyzer and (suppl\$3 fill\$3 refill\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3) | US-PGPUB; USPAT | OR | ON | 2005/02/03 08:45 |
| L16 | 1 | ("5580531").PN. | US-PGPUB; USPAT | OR | OFF | 2005/02/03 09:41 |
| L17 | 0 | 16 and analyzer and (suppl\$3 fill\$3 refill\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3 compar\$3) | US-PGPUB; USPAT | OR | ON | 2005/02/03 08:40 |
| L18 | 3657 | (422/100,105,106,108).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/02/03 08:43 |
| L19 | 1 | (US-20040154965-\$).did. | US-PGPUB | OR | ON | 2005/02/03 08:44 |
| L20 | 6 | (US-20030229422-\$ or US-20030175157-\$ or US-20010028864-\$).did. or (US-6521112-\$ or US-6063634-\$ or US-5741708-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/02/03 08:45 |

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| L21 | 6 | 20 and analyzer and (suppl\$3 fill\$3 refill\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3) | US-PGPUB; USPAT | OR | ON | 2005/02/03 08:46 |
| L22 | 5 | (US-6727096-\$ or US-6555062-\$ or US-6096561-\$ or US-5885530-\$ or US-5550053-\$).did. | USPAT | OR | ON | 2005/02/03 08:46 |
| L23 | 5 | 22 and analyzer and (suppl\$3 fill\$3 refill\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 median) and (calculat\$3 inventor\$3 monitor\$3 compar\$3) | US-PGPUB; USPAT | OR | ON | 2005/02/03 11:14 |
| L24 | 4 | (US-6727096-\$ or US-6555062-\$ or US-5885530-\$ or US-5550053-\$).did. | USPAT | OR | ON | 2005/02/03 08:52 |
| L25 | 4 | 24 and analyzer and (suppl\$3 fill\$3 refill\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 median) and (calculat\$3 inventor\$3 monitor\$3 compar\$3) | US-PGPUB; USPAT | OR | ON | 2005/02/03 08:52 |
| L26 | 6 | (US-20030229422-\$ or US-20010028864-\$).did. or (US-6521112-\$ or US-6063634-\$ or US-5741708-\$ or US-5580531-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/02/03 09:02 |
| L27 | 6 | 26 and analyzer and (suppl\$3 fill\$3 refill\$3 dispens\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3 determine) same ((history historical prior previous preceeding) and (data amount level use usage volume)) | US-PGPUB; USPAT | OR | ON | 2005/02/03 09:43 |
| L28 | 1 | (US-20030202905-\$).did. | US-PGPUB | OR | ON | 2005/02/03 09:22 |
| L29 | 1 | (US-4188190-\$).did. | USPAT | OR | ON | 2005/02/03 09:22 |
| L30 | 14 | 16 19 20 25 27 28 29 | US-PGPUB; USPAT | OR | ON | 2005/02/03 09:24 |

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|-----|------|--|--------------------|----|-----|------------------|
| L31 | 27 | (US-20010028864-\$ or US-20030162295-\$ or US-20030170145-\$ or US-20030175157-\$ or US-20030202905-\$ or US-20030229422-\$ or US-20040014238-\$ or US-20040104173-\$ or US-20040154965-\$).did. or (US-5248480-\$ or US-5550053-\$ or US-5580531-\$ or US-5741708-\$ or US-5885530-\$ or US-6063634-\$ or US-6309541-\$ or US-6419824-\$ or US-6491816-\$ or US-6492184-\$ or US-6521112-\$ or US-6544799-\$ or US-6555062-\$ or US-6635173-\$ or US-6727096-\$ or US-6802967-\$ or US-6846461-\$ or US-4188190-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/02/03 09:24 |
| L32 | 13 | 31 not 30 | US-PGPUB; USPAT | OR | ON | 2005/02/03 09:25 |
| L33 | 451 | (700/266,281).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/02/03 09:25 |
| L34 | 4036 | (422/62,63,67,68.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/02/03 09:26 |
| L35 | 2742 | ((436/180) or (436/174) or (436/50) or (436/55)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/02/03 09:26 |
| L36 | 359 | 33 not L18 not L34 not L35 | US-PGPUB; USPAT | OR | ON | 2005/02/03 09:26 |
| L37 | 9 | 36 and analyzer and (suppl\$3 fill\$3 refill\$3 dispens\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3 determine) same ((history historical prior previous preceeding) and (data amount level use usage volume)) | US-PGPUB; USPAT | OR | ON | 2005/02/03 11:14 |
| L38 | 7 | ((("20030229422") or ("0652112") or ("6063634") or ("5741708") or ("5645799") or ("6555062") or ("4910691")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/02/03 09:44 |
| L39 | 7 | ((("20030229422") or ("6521112") or ("6063634") or ("5741708") or ("5645799") or ("6555062") or ("4910691")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/02/03 10:35 |
| L40 | 1 | "4910691".pn. and (usage replenish\$4 fill\$3 refill\$3 volume) | US-PGPUB; USPAT | OR | ON | 2005/02/03 10:36 |
| L41 | 9 | ((("4,678,755") or ("6,080,364") or ("6, 579,713") or ("6,022,746") or ("5,902, 549") or ("5,730,939") or ("6,127, 184") or ("5,597,733") or ("5,424, 212")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/02/03 11:14 |

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|-----|------|---|-----------------|----|-----|------------------|
| L42 | 5 | 41 and (suppl\$3 fill\$3 refill\$3 dispens\$3 replenish\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3 determine) | US-PGPUB; USPAT | OR | ON | 2005/02/03 11:16 |
| S1 | 849 | (422/70).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/01/31 09:03 |
| S2 | 361 | S1 and valve and pump | US-PGPUB; USPAT | OR | ON | 2005/01/31 10:23 |
| S3 | 13 | (US-20050000875-\$ or US-20050000874-\$ or US-20040104173-\$ or US-20040055938-\$ or US-20030230521-\$ or US-20030168392-\$).did. or (US-6833062-\$ or US-6802967-\$ or US-6635173-\$ or US-6491816-\$ or US-6419824-\$ or US-6309541-\$ or US-5538689-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/01/31 10:23 |
| S4 | 13 | S3 and valve and pump | US-PGPUB; USPAT | OR | ON | 2005/01/31 10:28 |
| S5 | 1545 | ((436/180) or (436/54) or (436/48)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/01/31 12:11 |
| S6 | 523 | S5 and valve and pump | US-PGPUB; USPAT | OR | ON | 2005/01/31 10:28 |
| S7 | 129 | S5 and valve same (resevoir stor\$3) and pump | US-PGPUB; USPAT | OR | ON | 2005/01/31 10:30 |
| S8 | 111 | S5 and valve same (open\$3 and (resevoir stor\$3)) and pump | US-PGPUB; USPAT | OR | ON | 2005/01/31 12:48 |
| S9 | 5216 | ((422/63) or (422/68.1) or (422/100) or (422/103)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/01/31 12:12 |
| S10 | 6271 | S1 S9 S5 | US-PGPUB; USPAT | OR | ON | 2005/01/31 12:16 |
| S11 | 38 | S10 and valve and needle and (valve near2 ball) | US-PGPUB; USPAT | OR | ON | 2005/01/31 12:26 |
| S12 | 15 | S10 and valve same needle same ball | US-PGPUB; USPAT | OR | ON | 2005/01/31 12:29 |
| S13 | 15 | S10 and (valve same needle same ball) | US-PGPUB; USPAT | OR | ON | 2005/01/31 12:30 |

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| S14 | 21 | (US-20050000875-\$ or US-20050000874-\$ or US-20040104173-\$ or US-20040055938-\$ or US-20030230521-\$ or US-20030168392-\$ or US-20040014238-\$ or US-20030170145-\$ or US-20030162295-\$).did. or (US-6833062-\$ or US-6802967-\$ or US-6635173-\$ or US-6491816-\$ or US-6419824-\$ or US-6309541-\$ or US-5538689-\$ or US-6544799-\$ or US-6492184-\$ or US-5855852-\$ or US-5248480-\$ or US-6846461-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/01/31 12:47 |
| S15 | 161511 | "21" and valve and pump | US-PGPUB; USPAT | OR | ON | 2005/01/31 12:47 |
| S16 | 19 | S14 and valve and pump | US-PGPUB; USPAT | OR | ON | 2005/01/31 12:47 |
| S17 | 5 | (US-20040014238-\$ or US-20030170145-\$ or US-20030162295-\$).did. or (US-6544799-\$ or US-6492184-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/01/31 12:48 |
| S18 | 5 | S17 and valve same (open\$3 and (resevoir stor\$3)) and pump | US-PGPUB; USPAT | OR | ON | 2005/01/31 12:48 |
| S19 | 13 | (US-20040104173-\$ or US-20040014238-\$ or US-20030170145-\$ or US-20030162295-\$).did. or (US-6802967-\$ or US-6635173-\$ or US-6491816-\$ or US-6419824-\$ or US-6309541-\$ or US-6544799-\$ or US-6492184-\$ or US-5248480-\$ or US-6846461-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/02/01 08:25 |
| S20 | 0 | ((("US20050000875A1") or ("US20050000874A1") or ("US20040104173A1") or ("US20040055938A1") or ("US20030230521A1") or ("US20030168392A1") or ("US6833062B2") or ("US6802967B2") or ("US6635173B2") or ("US6491816B2") or ("US6419824B1") or ("US6309541B1") or ("US5538689A") or ("US20040014238A1") or ("US20030170145A1") or ("US20030162295A1") or ("US6544799B1") or ("US6492184B1") or ("US5855852A") or ("US5248480A") or ("US6846461B2"))).PN. | US-PGPUB; USPAT | OR | OFF | 2005/02/01 10:14 |

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|-----|------|--|--------------------|----|-----|------------------|
| S21 | 10 | ((("20050000874") or ("20040104173") or ("6802967") or ("6635173") or ("6419824") or ("20040014238") or ("20030162295") or ("6544799") or ("5248480") or ("6254835"))).PN. | US-PGPUB; USPAT | OR | OFF | 2005/02/01 10:18 |
| S22 | 3653 | (422/100,105,106,108).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/02/02 09:43 |
| S23 | 2503 | S22 and (suppl\$3 fill\$3 refill\$3) | US-PGPUB; USPAT | OR | ON | 2005/02/02 09:45 |
| S24 | 869 | S22 and (suppl\$3 fill\$3 refill\$3) same (automat\$3 cpu controller computer processor) | US-PGPUB; USPAT | OR | ON | 2005/02/02 09:46 |
| S25 | 392 | S22 and (suppl\$3 fill\$3 refill\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3) | US-PGPUB; USPAT | OR | ON | 2005/02/02 09:47 |
| S26 | 587 | S22 and (suppl\$3 fill\$3 refill\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3) | US-PGPUB; USPAT | OR | ON | 2005/02/02 09:48 |
| S27 | 1426 | S22 and (suppl\$3 fill\$3 refill\$3) and (averag\$3 calculat\$3 inventor\$3 monitor\$3) | US-PGPUB; USPAT | OR | ON | 2005/02/02 09:48 |
| S28 | 151 | S22 and analyzer and (suppl\$3 fill\$3 refill\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3) | US-PGPUB; USPAT | OR | ON | 2005/02/03 07:53 |
| S29 | 166 | S22 and analyzer and (suppl\$3 fill\$3 refill\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3 compar\$3) | US-PGPUB; USPAT | OR | ON | 2005/02/03 08:40 |
| S30 | 168 | S22 and analyzer and (suppl\$3 fill\$3 refill\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3 compar\$4) | US-PGPUB; USPAT | OR | ON | 2005/02/02 10:07 |
| S31 | 69 | S22 and analyzer and (suppl\$3 fill\$3 refill\$3 dispens\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3 determine) same ((history historical prior previous preceeding) and (data amount level use usage volume)) | US-PGPUB; USPAT | OR | ON | 2005/02/03 09:02 |
| S32 | 14 | S31 not S28 | US-PGPUB; USPAT | OR | ON | 2005/02/02 11:26 |

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| S33 | 219 | S22 and (suppl\$3 fill\$3 refill\$3 dispens\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3 determine) same ((history historical prior previous preceeding) and (data amount level use usage volume)) | US-PGPUB; USPAT | OR | ON | 2005/02/02 11:43 |
| S34 | 15 | S29 not S28 | US-PGPUB; USPAT | OR | ON | 2005/02/02 11:43 |
| S35 | 13 | S31 not S29 | US-PGPUB; USPAT | OR | ON | 2005/02/02 11:44 |
| S36 | 283 | S22 and (suppl\$3 fill\$3 refill\$3 dispens\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3 determine compar\$3) same ((history historical prior previous preceeding) and (data amount level use usage volume)) | US-PGPUB; USPAT | OR | ON | 2005/02/02 12:06 |
| S37 | 327 | S22 and (suppl\$3 fill\$3 refill\$3 dispens\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3 determin\$5 compar\$4) same ((history historical prior previous preceeding) and (data amount level use usage volume)) | US-PGPUB; USPAT | OR | ON | 2005/02/02 12:10 |
| S38 | 327 | S22 and (suppl\$3 fill\$3 refill\$3 dispens\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3 determin\$5 compar\$4) same ((history historical prior previous preceeding) and (data amount level use usage volume)) | US-PGPUB; USPAT | OR | ON | 2005/02/02 12:13 |
| S39 | 248 | S38 not S29 | US-PGPUB; USPAT | OR | ON | 2005/02/02 15:46 |
| S40 | 4034 | (422/62,63,67,68.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/02/02 12:14 |
| S41 | 3229 | S40 not S22 | US-PGPUB; USPAT | OR | ON | 2005/02/02 12:37 |
| S42 | 376 | S41 and analyzer and (suppl\$3 fill\$3 refill\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 calculat\$3 inventor\$3 monitor\$3 compar\$3) | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:21 |
| S43 | 119 | S41 and analyzer and (suppl\$3 fill\$3 refill\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 median) and (calculat\$3 inventor\$3 monitor\$3 compar\$3) | US-PGPUB; USPAT | OR | ON | 2005/02/03 08:46 |

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|-----|------|--|-----------------|----|-----|------------------|
| S44 | 128 | S41 and analyzer and (suppl\$3 fill\$3 refill\$3 deliver replenish) same (automat\$3 cpu controller computer processor) and (averag\$3 median) and (calculat\$3 inventor\$3 monitor\$3 compar\$3) | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:50 |
| S45 | 139 | S41 and analyzer and (suppl\$3 fill\$3 refill\$3 deliver\$3 replenish\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 median) and (calculat\$3 inventor\$3 monitor\$3 compar\$3) | US-PGPUB; USPAT | OR | ON | 2005/02/02 16:43 |
| S46 | 20 | S45 not S43 | US-PGPUB; USPAT | OR | ON | 2005/02/02 15:10 |
| S48 | 248 | S39 not S43 | US-PGPUB; USPAT | OR | ON | 2005/02/02 15:46 |
| S49 | 257 | S42 not S43 | US-PGPUB; USPAT | OR | ON | 2005/02/02 16:22 |
| S50 | 2740 | ((436/180) or (436/174) or (436/50) or (436/55)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/02/02 15:49 |
| S51 | 1322 | S50 not S22 not S40 | US-PGPUB; USPAT | OR | ON | 2005/02/02 15:52 |
| S52 | 30 | (US-20010028864-\$ or US-20020168297-\$ or US-20030162295-\$ or US-20030170145-\$ or US-20030175157-\$ or US-20030202905-\$ or US-20030229422-\$ or US-20040014238-\$ or US-20040104173-\$ or US-20040154965-\$ or US-20040247489-\$).did. or (US-4237093-\$ or US-5248480-\$ or US-5550053-\$ or US-5580531-\$ or US-5741708-\$ or US-5885530-\$ or US-6063634-\$ or US-6096561-\$ or US-6309541-\$ or US-6419824-\$ or US-6491816-\$ or US-6492184-\$ or US-6521112-\$ or US-6544799-\$ or US-6555062-\$ or US-6635173-\$ or US-6727096-\$ or US-6802967-\$ or US-6846461-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/02/02 16:42 |
| S53 | 3653 | (422/100,105,106,108).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/02/02 16:44 |
| S54 | 4034 | (422/62,63,67,68.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/02/02 16:44 |
| S55 | 2740 | ((436/180) or (436/174) or (436/50) or (436/55)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/02/02 16:44 |
| S56 | 1322 | S55 not S53 not S54 | US-PGPUB; USPAT | OR | ON | 2005/02/02 16:44 |

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| S57 | 34 | S56 and analyzer and (suppl\$3 fill\$3 refill\$3 deliver\$3 replenish\$3) same (automat\$3 cpu controller computer processor) and (averag\$3 median) and (calculat\$3 inventor\$3 monitor\$3 compar\$3 determin\$3 determination) | US-PGPUB; USPAT | OR | ON | 2005/02/03 09:23 |
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